

WATER PURIFICATION APPARATUS

Abstract Of The Disclosure

5 A chlorinator connected to a water system includes a hopper for holding chemical tablets on a perforated bed and an underlying basin. A spray head is supported by the perforated bed and sprays water onto the tablets and parallel to the perforated bed. The basin receives the water through the perforated bed. Rinse nozzles in the basin are connected to the re-circulation system, and a float valve controls the flow of water to the rinse nozzles. A
10 discharge pump draws water from the basin and discharges it to the water system at a rate faster than water is added to the basin by the spray head, but at the same rate as the overall incoming water makeup water is added to the basin through the rinse nozzles and the float valve.